

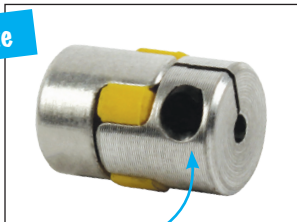


DKGS

Servo insert coupling Torque range: 0.5 to 3 Nm

- Elastic backlash free coupling
- Reliable torque transmission
- Maintenance free
- Low inertia/size
- Easy to assemble, even in confined spaces
- Reduces vibration
- Materials:
 - Hub: Aluminium
 - Spider: Polyurethane 92 Shore A (yellow)

Small size



Secured by a clamping hub

Applications

- Metrology, control systems, driving, machine tools, driving lead screws

Torque (Nm) transmissible by friction for a split hub

Bore size	Ø2	Ø3	Ø4	Ø5	Ø6	Ø7	Ø8	Ø9	Ø10	Ø11
DKGS-5	0,5	0,5	0,5	-	-	-	-	-	-	-
DKGS-7	-	0,8	1,1	1,2	1,2	1,2	-	-	-	-
DKGS-9	-	1,5	2	2,5	2,9	3	3	3	3	3

Part number	Nominal torque (Nm)	Tightened torque (Nm)	Max speed (rpm)	Moment of inertia (10^{-6} kg.m ²)	axial (Nm)	Misalignment radial (Nm)	angular
DKGS-5	0,5	0,25	38000	0,034	-0,2/+0,4	0,06	1°
DKGS-7	1,2	0,35	27000	0,196	-0,3/+0,6	0,10	1°
DKGS-9	3	0,75	19000	1,08	-0,4/+0,8	0,13	1°

Dimensions in mm

Characteristics

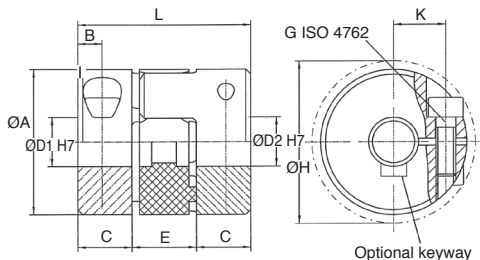
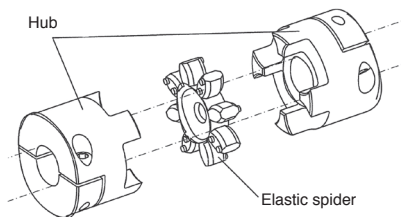
- Hardwearing
- Secured by a clamping hub
- Couplings are mounted pre-tensioned
- Shaft tolerance should be g6 or h7
- Contact surfaces should be grease free

Bore

- Choose ØD1 and ØD2 from the ranges shown

Option

- Keyway according to DIN6885-1



DISCOUNTS

Qty	1+	2+	4+
Disc.	List	-6%	On request

Part number	L	ØA	K	ØH	E	ØD1/ ØD2		C	B	G	Weight (g)	Price each	
						No keyway	with keyway					No keyway	with keyway
DKGS-5	15	10	3,2	11,5	5	2-4	-	5	2,5	M1,6	5	36,28 €	-
DKGS-7	22	14	5	16,5	8	3-7	6-7	7	3,5	M2	9	37,66 €	37,66 €
DKGS-9	30	20	7,3	23,5	10	3-11	6-11	10	5	M2,5	15	38,87 €	38,87 €

Dimensions in mm

Our other products



EHD08-9

Internal epicyclic servo reducers, from 35 to 50 Nm



DKN

Bellows coupling Gerwah®, from 0.4 to 10Nm



VRSF

Male swivelling lifting ring, Male swivelling



RPC

Wheel, Polyamide



STRIP

Sealing brush strip, 3m length



PAS

Pull handle, Reinforced PA thermoplastic



OP2

Mechanical digital position indicator, 3 numbers



AT5courroie

AT type timing belt, AT5 Steel cored polyurethane



SDG_SS

Universal adjustable guide support



PITA

Locking bolt, with T handle



PW_PWG3

Worm - precision range, Steel



EFTC

Fixing support, Stainless steel

Complementary products



ADSR

Backlash free coupling Gerwah®, from 12.5 to 525Nm



EKGS

Backlash free coupling Gerwah®, from 0.5 to 35Nm